

**BY ORDER OF THE COMMANDER
2D BOMB WING**



**BARKSDALE AIR FORCE BASE
INSTRUCTION 91-301**

17 NOVEMBER 2015

Safety

UNIT WEAPONS SAFETY PROGRAM

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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(Major Steven E. McMenamin)

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This instruction provides local weapons safety program management guidance. The 2d Bomb Wing (2 BW) weapons safety program relies on unit commanders and additional duty weapons safety managers for implementation and its success is demonstrated in the day-to-day operations of the unit. This instruction applies to all 2 BW, 307 BW, and tenant units who are required to maintain a nuclear surety program in accordance with AFI 91-101, *Air Force Nuclear Weapons Surety Program*, and all 2 BW, 307 BW and tenant units who maintain a weapons safety program in accordance with AFI 91-202, *The US Air Force Mishap Prevention Program*.

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SUMMARY OF CHANGES

There have been several terminology changes in this revision. There is also new guidance from AFGSC about Nuclear Surety testing questions, and there have been updates to some of the referenced publications. Please completely review this document.

CHAPTER 1

GENERAL

1.1. Wing Safety.

1.1.1. The 2d Bomb Wing Safety Office (2 BW/SE) is a division of the wing commander's special staff and tasked with the day-to-day management and administration of the wing's safety program in accordance with higher headquarters guidance and wing commander policy. The wing safety program is administered at the group/squadron level through additional duty weapons safety representatives (ADWSRs) appointed by the unit commanders.

1.1.2. 2d Bomb Wing Weapons Safety (2 BW/SEW) maintains a Share Point (SP) website on the AF Portal. The site contains safety personnel posters, meeting minutes, newsletters, HHQ inspection reports and other safety awareness and publicity information. All personnel are encouraged to routinely check the site for updates. The SP is available at this link:

<https://cs1.eis.af.mil/sites/barksdale/2%20BW/se/Weapon%20Safety/Forms/AllItems.aspx>

1.2. Additional Duty Weapons Safety Representative

1.2.1. Nuclear Surety Program Responsibilities:

1.2.1.1. Perform spot inspections of applicable nuclear surety inspection areas as outlined in

AFI 90-201. The amount and frequency will be outlined in a formal letter by the Squadron Commander, there is a canned letter on the share point to use.

1.2.1.2. Ensure a current spreadsheet (or other easily reviewable product) of initial and 15-month recurring nuclear surety training dates for all assigned Personnel Reliability Program (PRP) personnel is available.

1.2.1.3. Ensure nuclear surety training is accomplished. Review AFGSC nuclear surety training lesson plans, tests, PowerPoint presentations and multimedia. The annual review will be accomplished during the squadron annual inspection. .

1.2.1.4. Coordinate with 2 BW/SEW on all matters concerning nuclear weapons surety.

1.2.1.5. Evaluate and document adequacy and completeness of corrective actions for nuclear weapons surety problems found during inspections, evaluations and staff assistance visits.

1.2.1.6. Assist in nuclear mishap investigation and reporting when required.

1.2.1.7. Review nuclear mishap reports forwarded to the unit from the safety office. Verify and document adequate corrective action has been implemented to prevent reoccurrence if the deficiency exists within the unit.

1.2.1.8. Assist the wing weapon safety manager (WSM) in checking the squadron Personnel Reliability Program (PRP).

1.2.1.9. Review unit lesson plans, instructions, operating procedures and checklists impacting nuclear weapons surety and forward to 2 BW/SEW for approval prior to publication and for annual review. Ensure changes to any of the above mentioned publications are routed to 2 BW/SEW for approval prior to implementation.

1.2.1.10. Request 2 BW/SEW conduct an electromagnetic radiation hazard analysis on radio-frequency emitting devices designated for use around nuclear weapons/components equipped with electro-explosive devices in accordance with AFMAN 91-201, *Explosives Safety Standards*.

1.2.1.11. Function as the unit commander's representative for nuclear weapons surety issues.

1.2.1.12. Promote nuclear weapons surety awareness through education and publicity (brief applicable cross feeds, update safety boards, post publications, etc.).

1.2.1.13. Attend quarterly ADWSR meetings conducted by 2 BW/SEW.

1.2.2. Explosives/Missile Safety Program Responsibilities.

1.2.2.1. Monitor unit operations involving explosives/missiles to ensure that personnel understand and comply with all safety standards.

1.2.2.2. Forward requests for exemptions, waivers or deviations from explosives safety standards to 2 BW/SEW.

1.2.2.3. Ensure the unit adheres to applicable compensatory measures from approved site plans required as outlined in AFMAN 91-201_ BARKSDALESUP.

1.2.2.4. Perform and document spot inspections IAW AFI 91-202, *The US Air Force Mishap Prevention Program*, paragraph 3.5. and unit commander's policy.

1.2.2.5. Ensure missile and/or explosive safety training is accomplished. Review unit lesson plans and tests involving explosives/missile safety and forward to 2 BW/SEW for approval prior to implementing and for annual review.

1.2.2.6. Review unit plans, instructions, operating procedures and checklists impacting explosives/missile safety and forward to 2 BW/SEW for approval prior to implementing and for annual review.

1.2.2.7. Request 2 BW/SEW conduct an electromagnetic radiation hazard analysis on radio-frequency emitting devices designated for use around electro-explosive devices in accordance with AFMAN 91-201, *Explosives Safety Standards*.

1.2.2.8. Function as the unit commander's representative for all explosives/missile safety issues.

1.2.2.9. Promote explosives/missile awareness through education and publicity (brief applicable cross feeds, update safety boards, post publications, etc.)

1.2.2.10. Attend quarterly ADWSR meetings conducted by 2 BW/SEW.

CHAPTER 2

SPOT INSPECTION PROGRAM

2.1. Purpose.

2.1.1. The safety spot inspection program provides a means for the ADWSR to periodically assess the health of the unit's weapons safety programs. Spot inspections are informal and often unscheduled. The unit commander designates (in writing) the number and frequency of the spot inspections that must be performed; file this letter in the program management notebook.

2.1.2. Spot inspections must be documented. A Spot Inspection Log is provided (Attachment 2), which may be used to log spot inspections. The spot inspection log shows the extent of your involvement while providing a documentation trail. Maintain spot inspection documentation in the program management notebook for at least one year. Be as detailed as possible when documenting spot inspections. If spot inspection are digital, make sure all required items are tracked.

2.1.3. Discrepancies that cannot be corrected on the spot will have a follow-up inspection within 30 days. Document all follow-up inspections in detail until the discrepancy is corrected.

2.1.4. Activities that operate around the clock should be adequately surveyed after normal duty hours.

2.2. Inspection Areas. The ADWSR should ensure the unit is prepared for nuclear surety inspections and weapons safety program management evaluations. Nuclear surety inspection areas outlined in AFI 90-201 should be inspected often and thoroughly. Use inspection checklists and guides published by MAJCOM and 2 BW/SEW to evaluate the following areas:

2.2.1. Weapons Safety/Nuclear Surety Training. Evaluate the quality of instruction and testing. Review training documentation to ensure no one goes overdue required training. Ensure individual's overdue nuclear surety training is denied access to nuclear weapons or critical components. Individual's overdue explosive safety training will not work with explosives.

2.2.2. Personnel Performing Tasks. This should comprise the bulk of the spot inspection program.

2.2.2.1. Look at individuals in the process of handling, transporting, maintaining, assembling or storing explosives. Verify all safety practices outlined in AFMAN 91-201 are adhered to.

2.2.2.2. Watch nuclear certified tasks or nuclear weapons surety related tasks. Ensure compliance with applicable Weapons System Safety Rules.

2.2.3. Squadron PRP. If applicable, check that PRP suspension notifications are occurring in a timely manner and persons suspended or decertified are prohibited from performing PRP duties (line badge confiscated). Check documentation and commander's awareness of suspension actions.

2.2.4. Work centers. Check safety boards for currency, applicable safety briefings/cross feeds. Assess the general safety knowledge of unit personnel.

2.2.4.1. Check the condition of equipment used for handling explosives. Ensure inspection cycles are maintained. Verify nuclear certified equipment has not been modified without proper authorization.

2.2.4.2. Check unit plans, regulations and operating instructions (OI) for currency and compliance with nuclear surety and explosive/missile safety principles.

2.2.5. Explosives Storage Areas. Check licensed facilities or sited locations for adherence to explosive/personnel limits. Ensure explosives are properly stored IAW AFMAN 91-201. Verify proper fire department notifications are made upon fire symbol change and that fire/chemical symbols are properly posted.

CHAPTER 3

EXPLOSIVE LICENSES

3.1. Explosive facility licenses are issued for locations outside the munitions storage area that need to store small quantities of mission essential hazard class/division 1. 2.2, 1.3, or 1.4 explosives. 2 BW/SEW approves, issues and revokes explosives licenses in accordance with AFMAN 91-201. 2 BW/SEW must review explosives licenses every year.

3.2. Procedures for initiating an AF Form 2047, *Explosive Facility License*, are found in AFMAN 91-201.

3.3. Ensure the type and/or quantity of stored explosives does not exceed what is on the license.

3.4. Vehicle parking distances of less than 100' will be approved by the Fire Chief on the AF Form 2047 and will be strictly adhered to.

CHAPTER 4

UNIT WEAPONS SAFETY MANAGEMENT PROGRAM

4.1. General. The weapons safety management program provides an effective way of organizing the administrative elements of the unit weapons safety program. The notebook should be neat and purged of outdated material.

4.2. Contents. Organize the management program according to the following paragraphs:

4.2.1. TAB A. Appointment Letters.

4.2.1.1. The *ADWSR appointment letter* will be signed by the unit commander and addressed to 2 BW/SEW (Attachment 3). With the appointment letter, keep a copy of the ADWSR training outline that documents training received from 2 BW/SEW. The following appointed primary/alternate positions are required within the unit.

4.2.1.2. Nuclear Surety Training Instructor (units with nuclear weapons surety mission).

4.2.1.3. Explosives Safety Training Instructor (units with explosive/missile mission).

4.2.1.4. Unit Radiation Safety Officer (as applicable).

4.2.2. TAB B. Lesson Plans and Tests.

4.2.2.1. Use this tab to keep a copy of all explosive safety and/or nuclear surety lesson plans and tests.

4.2.2.2. If the lesson plans and tests are not located in the program management book, cross- reference the material to its normal location using DD Form 2861, *Cross-Reference*. Ensure tests are controlled to prevent compromise.

4.2.2.3. Maintain documentation of 2 BW/SEW approval of lesson plans and tests in this tab. (Attachments 4 and/or 5). Dates on the lesson plan and tests must match approval dates.

2 BW/SEW will review lesson plans every year.

4.2.3. TAB C. Spot Inspection Log. Keep your spot inspection documentation in this tab. Maintain one year of spot inspections.

4.2.4. TAB D. Annual Inspection Reports.

4.2.4.1. The unit's annual weapons safety program inspection/evaluation is conducted by 2 BW/SEW. Keep the last signed annual inspection, with corrective actions, in this tab.

4.2.4.2. Review the report to find those areas that require greater attention. Ensure that corrective actions for discrepancies noted during the inspection are completed. Maintain all follow-up and closure dates and associated documentation in this tab.

4.2.5. TAB E. Safety Regulations.

4.2.5.1. Cross reference regulations not filed in the management notebook using DD Form 2861. Note: Publications marked with an "*" will not be cross-referenced. Publications marked with "***" have MAJCOM and/or Barksdale Supplements.

4.2.5.2. The following regulations and directives may be required depending on the unit's mission:

4.2.5.2.1. General Safety Program.

***AFI 91-202, US Air Force Mishap Prevention Program*
***AFI 91-204, Investigating and Reporting US Air Force Mishaps*
AFMAN 91-221, Weapons Safety Investigation and Reports
**BAFBI 91-301, Unit Weapons Safety Program Management*

4.2.5.2.2. Nuclear Surety Directives.

***AFI 91-101, US Air Force Nuclear Weapons Surety Program*
***AFI 91-104, Nuclear Surety Tamper Control and Detection Programs*
AFI 91-105, Critical Components
AFI 91-107, Design, Evaluation, Troubleshooting and Maintenance Criteria for Nuclear Weapons Systems
***AFI 91-108, Air Force Intrinsic Radiation Safety Program*
AFI 91-111, Safety Rules for US Strategic Bombers
AFI 91-115, Safety Rules for Logistics Movements
AFI 91-116, Safety Rules for Long-Term Storage and Maintenance Operations for Nuclear Weapons
DoD 5210.42R_AFMAN 13-501, Nuclear Weapons Personnel Reliability Program Nuclear Weapons Surety Information, Brochure
DOD 5210.41M, Nuclear Weapon Security Manual

4.2.5.2.3. Explosives Safety Directives.

***AFMAN 91-201, Explosives Safety Standards*

4.2.6. TAB F. Nuclear Surety and/or Explosive Training Documentation.

4.2.6.1. Keep a list of current explosive safety training dates for all personnel assigned to the unit (as applicable). For units with a nuclear mission, maintain a spreadsheet (or other easily reviewable product) with initial and 15-month recurring nuclear surety training dates.

4.2.7. TAB G. Explosive Facility License.

4.2.7.1. Post a copy of the current explosive license(s) in this tab.

4.2.7.2. A copy of the OI governing the license must also be posted here.

4.2.8. TAB H. Weapons Safety Newsletters.

4.2.8.1. The Weapons Safety Newsletter is published quarterly by the 2 BW/SEW. It contains a summary of explosive, missile and nuclear mishap data and statistics. The purpose of the newsletter is to provide safety education and cross feed information to the field. Use this newsletter as a part of the unit's safety publicity program.

4.2.8.2. Maintain one year of newsletters in the program management notebook. Ensure unit commander initials each newsletter.

4.2.8.3. Applicable material from the newsletter should be briefed during explosives safety or nuclear surety training.

4.2.9. TAB I. Nuclear Surety Council Minutes and ADWSR Meeting Minutes.

4.2.9.1. Maintain Nuclear Surety Council minutes for one year in this tab. The Unit Commander will initial the minutes as an indication of his/her involvement and guarantee the information was reviewed if not in attendance. The council minutes should be used to enhance the unit's safety publicity and education program.

4.2.9.2. ADWSR meetings are held quarterly. Maintain ADWSR meeting minutes for one year in this tab. The Unit Commander is encouraged to review these minutes.

4.2.10. TAB J. Checklists and Inspection Guides.

4.2.10.1. MICT (Management Internal Control Toolset) checklist, and 2 BW checklists used to inspect or evaluate your weapons safety program will be kept in this tab. Periodically run these to ensure your program is meeting all requirements.

4.2.11. TAB K. Weapons Safety Cross feeds.

4.2.11.1. 2 BW/SEW often distributes copies of sanitized safety mishap messages (including DULL SWORD reports) to units with a similar mission or equipment. File a copy of all cross feed messages received in this tab. If the information applies to your unit, ensure the widest dissemination to prevent further mishaps.

4.2.11.2. Applicable cross feed information should be briefed during explosive safety or nuclear surety training.

4.2.12. TAB L. Electromagnetic Radiation (EMR) Hazard Analysis.

4.2.12.1. Maintain completed EMR analysis forms for all approved unit radio-frequency emitting devices in this tab.

4.2.13. TAB M. Miscellaneous.

4.2.13.1. File any unit-specific information in this section of the program management notebook. Information should be current, relevant and support a well-run program.

4.2.14. TAB N. Nuclear Surety Inspection (NSI), Nuclear Surety Staff Assistance Visit (NSSAV) and/or Program Management Evaluations Reports and Corrective Actions.

4.2.14.1. Maintain the most recent NSI, NSSAV and/or higher headquarters inspection reports in this tab with the corrective actions that were taken to correct any findings or observations for your unit. If a limited NSI was conducted since the last full NSI, then maintain both reports if applicable. A memorandum is acceptable for documenting corrective actions.

CHAPTER 5

TRAINING

5.1. General.

5.1.1. One of the most important elements of the Weapons Safety Program is the training each individual receives. This includes all personnel involved with the program from the commander down to the individual worker. If one individual in the chain is not aware of their responsibilities in implementing the program, then the training and education process has failed.

5.1.2. The ADWSR will ensure that weapons safety training is accomplished. The unit commander will designate, in writing, unit weapons safety and/or nuclear surety trainers. The ADWSR may be designated as a trainer.

5.2. Nuclear Surety Lesson Plans.

5.2.1. Each unit will use the approved AFSEC/AFGSC Nuclear Surety lesson plan. 2 BW/SEW will update the lesson plan review documentation prior to use. Attachment 4 is an example of the wing approval documentation you are required to have on file with the lesson plan.

5.2.2. Individuals must achieve an 80 percent or better to pass.

5.3. Explosives/Missile Safety Lesson Plans and Tests.

5.3.1. Each unit is required to produce an explosive/missile safety lesson plan tailored to the particular unit's mission. 2 BW/SEW must approve the lesson plan prior to use. Attachment 5 is an example of the wing approval documentation you are required to have on file with the lesson plan. Applicable regulations and technical directives should be consulted to ensure all required elements are being included. The lesson plan must contain a section for briefing lessons learned from safety publicity and cross-feed information provided by 2 BW/SEW.

5.3.2. Develop two distinctively different tests reflective of the training given. A minimum of half the questions on each test must be different from the other. Individuals must achieve an 80 percent or better to pass. Those receiving less than 80 percent must be given the second test. Revise 25 percent of the test questions every two years.

5.4. Documentation of Training.

5.4.1. Proper documentation of training must be available for numerous audits and inspections that are conducted throughout the year. Documentation proves the individual was trained on a specific date.

5.4.2. Units must use a formalized method for documenting weapons safety training.

5.4.3. Maintain initial and 15-month recurring nuclear surety training dates.

CHAPTER 6

EDUCATION AND PUBLICITY

6.1. General. The education and publicity program complements the weapons safety training process. The focus of this program is the dissemination of information. There are many ways to disseminate safety information.

6.2. Safety Information Boards. Safety information boards should be in high traffic areas and contain current information. The primary safety board will contain, at a minimum:

6.2.1. Unit posters identifying primary and alternate ADWSRs.

6.2.2. 2 BW Weapons Safety poster identifying 2 BW Weapons Safety Managers.

6.2.3. 2 BW Weapons Safety newsletter.

6.3. Mishap Prevention Briefs. Mishap Prevention Briefs address weapons safety related topics focusing on preventing specific mishaps. Feel free to create your own Mishap Prevention Brief, but be sure to coordinate with 2 BW/SEW. Many suggestions from the field are adopted for use by all of Eighth Air Force (8 AF).

6.4. Cross feed. Cross feed items can be obtained from mishap reports, inspection reports or safety periodicals. If you want to brief information from an IG, safety investigation or accident report, make sure that privileged (Limited Use) or For Official Use Only (FOUO) information is not released (see Chapter 3 of AFI 91-204). Coordination should be made with the 2 BW Inspector General or 2 BW/SE to ensure privileged or otherwise protected information is not disclosed improperly.

6.5. Weapons Safety Newsletters. In addition to the 2 BW Weapons Safety Newsletters, 8 AF and MAJCOM often produces weapons safety newsletters.

CHAPTER 7

MISHAP INVESTIGATION AND REPORTING

7.1. Purpose. The Air Force investigates mishaps to find the cause and uses this information to prevent them from happening again. It is important for ADWSRs to become familiar with AFI 91-204, *Investigating and Reporting US Air Force Mishaps*; and AFMAN 91-221, *Weapons Safety Investigation and Reports*. The ADWSR is an important link in the process of investigating and reporting mishaps. Mishap reports have time critical reporting requirements. If there are any doubts about a potential incident (such as a potential DULL SWORD situation), contact 2 BW/SEW.

7.1.1. All units will use the potential DULL SWORD worksheet (Attachment 6) to provide preliminary data concerning the occurrence of a potential DULL SWORD. ADWSRs will ensure that the worksheets are submitted to 2 BW/SEW within 72 hours of occurrence.

7.1.2. 2 BW/SEW will determine if deficiencies and/or mishaps are reportable and the classification.

7.2. Investigation. 2 BW/SEW has investigative authority for weapons mishaps resulting in personnel injury or equipment damage. For a major mishap resulting in severe injury, loss of life or extensive equipment damage, a formal safety investigation board and/or accident investigation board may be required to investigate.

7.2.1. Witness statements, photographic documentation and physical evidence from the mishap scene may be required. Units will ensure that mishap evidence is preserved and not tampered with until released by the investigative authority.

7.2.2. In some cases the unit may be tasked to provide technical experts to assist with the investigation.

7.3. Limited-Use and Privileged Safety Information. Some safety reports contain limited-use and privileged safety information that must be appropriately protected against unauthorized disclosure. Safety reports normally forwarded to the unit by 2 BW/SEW will be “sanitized” to remove this information. If you are permitted to see a limited-use or privileged safety report, do not discuss the information with anyone outside of the safety community. Do not post limited-use or privileged information on unit bulletin boards. The unauthorized disclosure of the information may be punishable under the Uniform Code of Military Justice.

KRISTIN E. GOODWIN, Colonel, USAF
Commander

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFI 90-201, *Inspector General Activities* AFI 91-101, *US Air Force Nuclear Weapons Surety Program*,

AFMAN 91-201, *Explosive Safety Standards*,

AFI 91-202, *US Air Force Mishap Prevention Program*,

AFI 91-204, *Safety Investigations and Reports*,

AFMAN 91-221, *Weapons Safety Investigation and Reports* AFRP 91-2, *Wingman*

Abbreviations and Acronyms

2 BW/SEW—2d Bomb Wing Weapons Safety Office

ADWSR—Additional Duty Weapons Safety Representative

EMR—Electromagnetic Radiation

FOUO—For Official Use Only

MICT—Management Internal Control Toolset

NSI—Nuclear Surety Inspection

NSSAV—Nuclear Surety Staff Assistance Visit

PME—Program Management Evaluation

PRP—Personnel Reliability Program

WSM—Weapons Safety Manager

Attachment 2
2ND BOMB WING
SPOT INSPECTION LOG

DATE: _____ TIME: _____

ORGANIZATION, UNIT, ACTIVITY OR WORK AREA INSPECTED:

PERSON CONTACTED: _____

AREA INSPECTED:

DISCREPANCIES/CONDITIONS:

CORRECTIVE ACTIONS:

FOLLOW UP:

PRINTED NAME: _____

SIGNATURE: _____

DATE COMPLETE: _____

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Attachment 3

ADWSR APPOINTMENT LETTER TEMPLATE

(Date)

MEMORANDUM FOR 2 BW/SEW

FROM: UNIT COMMANDER

SUBJECT: Appointment of Additional Duty Weapons Safety Representative

1. The following individuals are appointed as the squadron Additional Duty Weapons Safety Managers.

Rank/Name Date Trained Date Appointed

TSgt Will E. Makette	1 Oct 08	15 Sept 08
TSgt Jed I. Knight	1 Oct 08	15 Sept 08

2. This memorandum supersedes all previous memorandums, same subject.

Name, Rank, USAF
Squadron Commander

Attachment 4

NUCLEAR SURETY TRAINING LESSON PLAN AND TEST REVIEW

Test Date: _____

Unit: _____

Lesson Plan Date: _____

Does the Lesson Plan Include:	Yes	No	NA
Importance of, and need for, a US nuclear capability			
Nuclear mishap prevention responsibilities of those who work with nuclear weapons and components			
Possible Adverse impact on US nuclear capability in the event of a serious mishap			
Security Requirements			
Two-Person Concepts and associated requirements and procedures			
PRP Requirements			
Mishap and Hazard Reporting			
Applicable portions of intrinsic radiation (INRAD) safety program			
Two separate and distinctive tests that adequately evaluate knowledge levels of applicable training areas			
Safe Haven Procedures			
Sealing of Nuclear Components			
Applicable Weapons System Safety Rules (91-111, Strategic Bombers; 91-115, Logistic Moves; 91-116, Storage and Ops)(SecDef Approved)			
Maintenance/Troubleshooting on nuclear loaded aircraft			
Local situations that could increase risk of a nuclear mishap			
CJCSI 3260.01 requirements for Two-Person Control material			
Review Applicable Nuclear Mishap/Deficiency Cross Feed			
Familiarization of Master Nuclear Certification List			
Audio-Visual Presentations (i.e. Power Point slides)			

Lesson plan/Tests: Approved/Disapproved

2 BW/SEW Reviewer: _____ Date: _____

Reviewer: _____ Date: _____

Reviewer: _____ Date: _____

Attachment 5

EXPLOSIVE SAFETY LESSON PLAN REVIEW

Test Date: _____

Unit: _____

Lesson Plan Date: _____

Does the Lesson Plan Include:	Yes	No	NA
General Explosives Safety Requirements/Philosophy (AFMAN 91-201 and AFI 91-202)			
Hazards Involved with Explosives by Class/Division (AFMAN 91-201)			
Fire Symbols for Explosives Operations/Storage (AFMAN 91-201)			
Fire Fighting Guidance Symbols (AFMAN 91-201)			
Explosives Transportation On and Off Base as Applicable (AFMAN 91-201)			
Specific Hazards of Unit-Assigned Explosives (Item T.O.)			
Unique Handling Precautions (Item T.O. and AFMAN 91-201)			
Personnel Limits for Explosives Operations (Unit Operating Instructions)			
Personal Protective Equipment (See Item T.O. and AFI 91-203)			
Emergency Procedures (Item T.O. and AFMAN 91-201)			
Explosives Storage Practices (AFMAN 91-201)			
Determining Quantity-Distance Criteria (AFMAN 91-201)			
Maintenance on Explosives Loaded Aircraft(T.O. 11A-1-33)			
Mishap Reporting Procedures (AFMAN 91-221)			
Review Applicable Explosives Safety Cross Feed			
Audio-Visual Presentations (i.e. Power Point slides)			

Lesson plan/Tests: Approved/Disapproved

2 BW/SEW Reviewer: _____ Date: _____

Reviewer: _____ Date: _____

Reviewer: _____ Date: _____

Attachment 6

POTENTIAL DULL SWORD WORKSHEET

(See AFMAN 91-221)

1. DATE and TIME: _____
2. LOCATION: _____
3. MATERIAL INVOLVED: *WEAPON(type, mod, and S/N); NUCLEAR COMPONENT(IPB nomenclature, P/N, NSN); AIRCRAFT/MISSILE S/N; VEHICLE(nomenclature, manufacturer, S/N, P/N, NSN)*

4. MAJCOM, ORGANIZATION, and BASE: *Unit owing the equipment.*

5. DAMAGE and INJURY: *Describe all damages and injuries. Provide detailed information on location and severity.*

6. NARRATIVE: *Describe operation being performed or circumstance leading to mishap (sequence of events). If applicable, personnel involved, equipment used, weather conditions, supporting activity, T.O. references.*

7. FINDINGS and CAUSES: *Opinion, but don't repeat narrative.* _____

8. ACTIONS TAKEN or RECOMMENDED: *Action/Recommendation to prevent recurrence of mishap/deficiency.*

9. OTHER REPORTS or NOTIFICATIONS SUBMITTED: *Type of report, unit-assigned number*

10. PHOTOGRAPHS: *If taken, when they'll be available.* _____
11. ADDITIONAL INFORMATION: *Info providing insight not previously covered above.*

12. POINT of CONTACT: *Name, grade, title/position, DSN.* _____
13. WORKSHEET PREPARER: _____
14. Unit ADWSM review (*Not applicable during exercises*): _____

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